

Letter of Intent

March 28, 2011

National Institute of Standards and Technology
100 Bureau Drive, Stop 1070,
Gaithersburg, MD 20899-1070 U.S.A.

Dear Sir or Madam,

This letter sets forth the general understandings about the projects on "Research and Development on Standards for Emerging Technologies" ("PROJECT") to be conducted between the National Institute of Advanced Industrial Science and Technology ("AIST") and the National Institute of Standards and Technology ("NIST") subject to the terms and conditions of the Memorandum of Understanding executed by the said parties as of May 4, 2009.

The parties agree as follows:

1. PROJECT theme

Nanotechnology standardization: Aggregation/agglomeration state of carbon nanotubes

2. PROJECT abstract

NIST and AIST intend to collaborate on the characterization of aggregation/agglomeration of carbon nanotubes in liquid solution using dynamic light scattering and modeling techniques.

3. Participating units and representatives

For each project, each party will designate a responsible laboratory and a project representative and notify of it in writing to the other party.

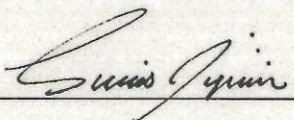
4. Project Duration

These projects will be conducted from March 28, 2011 for one (1) year and may be extended annually by mutual written consent.

If the foregoing accurately reflects our mutual understanding, please acknowledge your acceptance by executing this Letter of Intent and returning it to the undersigned.

Very truly yours,


National Institute of Advanced Industrial Science and Technology

By: 
Prof. S. Iijima

Director, Nanotube Research Center, AIST

The foregoing letter is accepted and agreed to:

National Institute of Standards and Technology

By: 

Name: Eric Lin

Title: Chief, Polymer Division

Date: 6/9/2011